

Name of Cluster: Health Science Career Cluster

Name of Pathway: Diagnostic Services

John A. Logan College: Diagnostic Cardiac Sonographer AAS Program of Study

STEM

Carbondale

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English	Math	Science	Social Studies / Sciences	Recommended Electives (* Denotes Dual Credit only if taken Junior or Senior Year)	Career & Technical Courses and / or Degree Major Courses	SAMPLE Occupations Relating to this Pathway (as listed on careerclusters.org)
Interest Inventory Administered - All plans of study need to meet local and state high school graduation requirements as well as college entrance requirements.								Occupations Requiring Less than Baccalaureate Degree Cardiovascular Technologist Central Supply Technician Clinical Lab Technician Computer Tomography (CT) Technologist Diagnostic Medical Sonographer Electrocardiographic (ECG) Technician Histotechnician Magnetic Resonance (MR) Technologist Mammographer Nuclear Medicine Technologist Pathology Assistant Phlebotomist Positron Emission Tomography (PET) Technologist Radiologic Technologist/ Radiographer Occupations Requiring Baccalaureate Degree Cytogenetic Technologist Cytotechnologist Exercise Physiologist Geneticist Histotechnologist Medical Technologist/Clinical Laboratory Scientist Nutritionist Pathologist Radiologist 3 hrs @ \$109 = \$327 SAVED!
Secondary	9	English/ Language Arts I	Algebra I	Physical / Earth Science				
	10	English/ Language Arts II	Geometry	Biology I				
	11	English/ Language Arts III	Algebra II	Chemistry I	American History	AP Honors Physics	A&P/Orientation to Health Occupations	
	12	English IV/Tech Write *(ENG 113) 3	Pre-Calculus Calculus or Statistics	Anatomy and Physiology	Psychology/ American Government/AP Or		Res Mngt/Ad Living OR CVE	
Postsecondary	Yr 15 Fall	ENG 101	MAT 113	BIO 205		ALH 101	ALH 110 (Summer)	
	Yr 16 Spring	SPE 115 or 116		PHS 105 or PHY 121 BIO 206	SOC 133 or PSY 132		ALH 112 (Summer)	
	Yr 16 Fall						DMS 104 DMS 204 DMS 202 DMS 206	
	Yr 17 Spring						DMS 200 DMS 226 DMS 224	
	Yr 17 Summer						DMS 236	
	YR 17 Fall						DMS 230 DMS 246	
Students may articulate to SIU to obtain a Baccalaureate Degree								

